



## Drainage Concept Submittal Checklist

Reviewer: _____	Date: _____
Project Name: _____	Location: _____
Total Land Area of Project: _____ Acres	
Type: _____ Residential _____ Commercial _____ Industrial _____ Recreation _____ Municipal _____ Other	
Applicant: _____	Contact: _____ Phone #: _____
Applicant email: _____	
Surveyor: _____	Contact: _____ Phone #: _____
Surveyor email: _____	
Engineer: _____	Contact: _____ Phone #: _____
Engineer email: _____	

Please check the appropriate box: I = Included; NA = Non-Applicable  
(If "NA" is checked, an explanation must be entered)

General Information	Applicant			Engr	
	I	NA	Explanation / Location in Plan	I	NA
1.1 The drainage concept shall be submitted by Thursday at 4 PM, two weeks prior to the subdivision committee hearing on the preliminary plat					
1.2 Boundaries of the tract to be subdivided clearly marked					
1.3 The location, width and names of all existing public or private streets within or adjacent to the tract, together with easements, railroad rights of way, and other important features such as section lines and corners, city boundary lines and monuments.					
1.4 Contour lines based on NAVD 88 at two foot maximum contour intervals extending a minimum of 200' beyond the tract					
1.5 The date of the survey					
1.6 The location, flow direction and name of all perennial and intermittent watercourses					
1.7 Natural features such rock outcroppings, wetlands, lakes, sewage disposal facilities, water wells, wooded areas and tree rows					
1.8 The horizontal location of storm sewers including size, flow lines, structures, and culverts for the tract and all adjacent properties and rights-of-way					
1.9 Location, elevation and description of the benchmark controlling the vertical survey					

Proposed Subdivision	Applicant			Engr	
	I	NA	Explanation / Location in Plan	I	NA
2.1 Proposed streets showing the location, width and names.					
2.2 Proposed lots					



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Preliminary Hydrologic Analysis	Applicant			Engr	
	I	NA	Explanation / Location in Plan	I	NA
3.1 Topographic map showing onsite and offsite drainage areas for predeveloped conditions					
3.2 Proposed use of existing drainage features, showing those that will be removed and those that will remain after the final plat is recorded					
3.3 Proposed methods of storm water control and conveyance clearly labeled with basic descriptions (e.g. concrete pipe, channel, retention and/or detention pond etc.)					
3.4 Proposed storm water quality management facilities clearly labeled with basic descriptions (e.g. bioretention, wet pond, enhanced swale etc.)					
3.5 Proposed water quality volume reduction areas					
3.6 Drawing and note showing all storm water management facilities placed in reserves					
3.7 Reserve areas shown with adequate width and area for access and maintenance					
3.8 Arrows depicting proposed overland flow direction					
3.9 FEMA floodplains and floodways are shown with base flood elevations					